

Project Audit



Project:
Catcoin Mama

March 27, 2022

CATCOIN MAMA

NURTURING CATCOIN TO
GROW TO ITS FULL POTENTIAL



+

Catcoin Mama

▶

Overview

This audit has been prepared for **Catcoin Mama** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	CATSMAMA
Ticker	CATSMAMA
Contract	0x18d7ABA6E318d1F6BBc76Bc41aFB3e4b0b5bdbA2
Network	Binance smart chain
Language	Solidity
Tax	Buy: 7% Sell: 7%
Total Supply	1,000,000,000,000,000
Status	Not launched yet

Current stats

Burn	No tokens burned
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxTxAmount	No Limit

Smart Contract Statistics

Transfer Count	2
Uniq Senders	2
Uniq Receivers	2
Total Amount	20000000000000000 CATSMAMA
Median Transfer Amount	10000000000000000 CATSMAMA
Average Transfer Amount	10000000000000000 CATSMAMA
First transfer date	2022-03-26
Last transfer date	2022-03-26
Days tokens Transfer	1

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Featured Wallets

Owner address	0x93eD8e6253290A7F4898bA12a9BFb096a13751e2
Development wallet	0x08A5589a92Ca3c36ad78a6bEA96D8ee92f455DFE
Donation wallet	0x90683e99e14127797b09154145Bd00c2787Cecdc
Marketing wallet	0x5e9f8c4649F956D0317063CD5e94017c5aaCA2D6
LP token address	No liquidity added yet

Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner
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Tokens are not distributed yet

Security Threats

Owner can change taxes up to 9% (combined buy+sell=18%)

```
function setTaxBurn(uint16 taxBurn_) public onlyOwner {
    require(!_autoBurnEnabled, "Auto burn not enabled");
    require(taxBurn_ <= 500, 'Must be below 5%');
    uint16 previousTax = taxBurn();
    _taxBurn = taxBurn_;
    ensureTotalFeeBounds();
    emit TaxBurnUpdate(previousTax, taxBurn_);
}

function setTaxDividend(uint16 taxDividend_) public onlyOwner {
    require(taxDividend_ <= 600, 'Must be below 6%');
    require(taxDividend_ >= 200, 'Must be above 2%');
    uint16 previousTax = taxDividend();
    _taxDividend = taxDividend_;
    ensureTotalFeeBounds();
    emit TaxDividendUpdate(previousTax, taxDividend_);
}

function setTaxMarketing(uint16 taxMarketing_) public onlyOwner {
    require(taxMarketing_ <= 500, 'Must be below 5%');
    require(taxMarketing_ >= 100, 'Must be above 1%');
    uint16 previousTax = taxMarketing();
    _taxMarketing = taxMarketing_;
    ensureTotalFeeBounds();
    emit TaxMarketingUpdate(previousTax, taxMarketing_);
}
```

```
function ensureTotalFeeBounds() internal view {
    uint16 totalTax = taxBurn() +
        taxMarketing() +
        taxDonation() +
        taxDevelopment() +
        taxDividend() +
        taxLiquidity();
    require(totalTax <= 900, 'Total tax must be below 9%');
}
```

```
function setTaxDonation(uint16 taxDonation_) public onlyOwner {
    require(taxDonation_ <= 500, 'Must be below 5%');
    require(taxDonation_ >= 100, 'Must be above 1%');
    uint16 previousTax = taxDonation();
    _taxDonation = taxDonation_;
    ensureTotalFeeBounds();
    emit TaxDonationUpdate(previousTax, taxDonation_);
}

function setTaxDevelopment(uint16 taxDevelopment_) public onlyOwner {
    require(taxDevelopment_ <= 500, 'Must be below 5%');
    uint16 previousTax = taxDevelopment();
    _taxDevelopment = taxDevelopment_;
    ensureTotalFeeBounds();
    emit TaxDevelopmentUpdate(previousTax, taxDevelopment_);
}

function setTaxLiquidity(uint16 taxLiquify_) public onlyOwner {
    require(!_autoSwapAndLiquifyEnabled, "Auto swap and liquify not enabled");
    require(taxLiquify_ <= 500, 'Must be below 5%');
    uint16 previousTax = taxLiquidity();
    _taxLiquidity = taxLiquify_;
    ensureTotalFeeBounds();
    emit TaxLiquifyUpdate(previousTax, taxLiquify_);
}
```

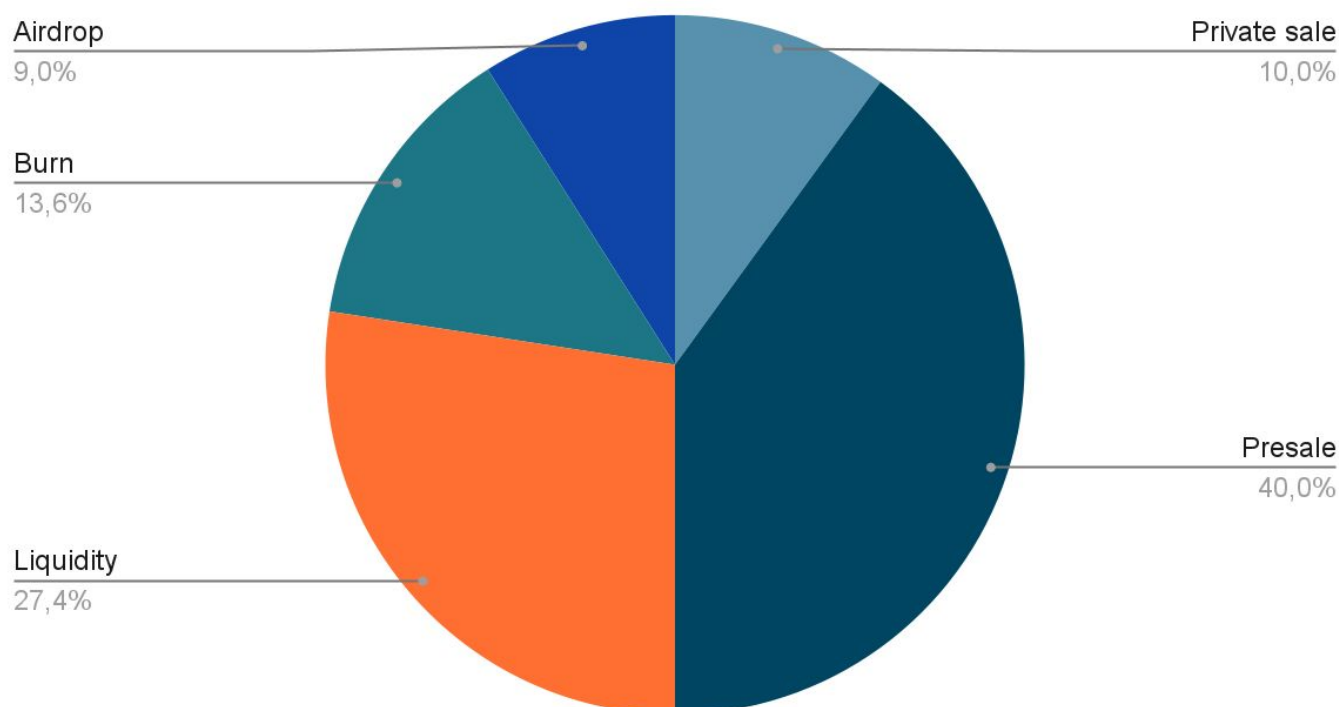

Tokenomics

According to their whitepaper

Total supply 1,000,000,000,000,000 \$CATSMAMA

- Private sale: 10%
- Tokens for liquidity: 27.44%
- Presale: 40%
- Burn: 13.56%
- Airdrop: 9%

Tokens distribution



Current state

Owner hold 100% of total supply, tokens are not distributed yet.

Catcoin Mama Project & Team Review

According to their whitepaper, holders of \$CATSMAMA will receive rewards in \$CATS coin. There will be also NFT collection released.

Team:

⚠️ There is no info about the team in their website and socials.

Website Analysis

URL: <https://catcoinmama.com/>

- **Design:** Nice design and color scheme, single page template design.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Well written and explanatory, no grammar mistakes.
- **Roadmap:** Goals set at 4 phases without time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



Social Media & Online Presence



Telegram

<https://t.me/CatcoinMama>

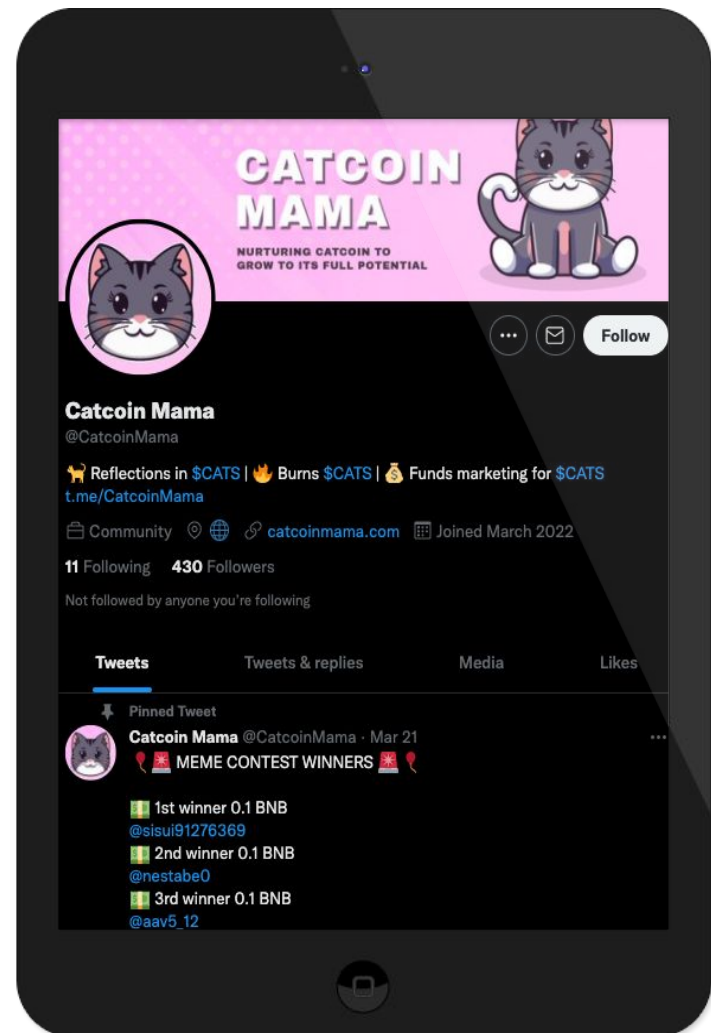
- 186 members
- Few active members
- Active mods



Twitter

<https://twitter.com/CatcoinMama>

- 431 Followers
- Active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.